

IN THE ABSTRACT

Please delete the current Abstract in its entirety and
substitute therefor the enclosed New Abstract.

NEW ABSTRACT

An optical scanning device scans optical record carriers having three information layers at different information layer depths within the carrier, d_1 , d_2 , d_3 , where $d_3 < d_2 < d_1$. The scanning device includes a radiation source system for producing three radiation beams of different wavelengths for scanning the three record carriers. The scanning device further includes a diffraction structure for introducing three different wavefront modifications into the three radiation beams, respectively. The diffraction structure is arranged to operate at selected diffraction orders m_1 , m_2 , m_3 , for the three radiation beams, respectively. The diffraction structure is arranged such that the

following relation holds: $-1 < \frac{(m_3 - m_2)}{(m_2 - m_1)} - \frac{(d_3 - d_2)}{(d_2 - d_1)} < 1$